WHAT IS CLAIMED IS:

1.   A method for segmenting an image comprising:

determining a selected segmentation mode to be used when segmenting the image;

5   determining if the selected segmentation mode is an automatic mode;

determining, if the selected segmentation mode is the automatic mode, whether a user wishes to change at least one automatic segmentation parameter;

inputting a new value for each at least one automatic segmentation parameter to be changed, if the user wishes to change at least one automatic

10   segmentation parameter; and

segmenting the image using the automatic segmentation parameter values, including any new automatic segmentation parameter values.

2.   The method of claim 1, further comprising altering, if at least one new automatic segmentation parameter value is input, at least one other automatic

15   segmentation parameter value.

3.   The method of claim 1, further comprising storing the at least one new automatic segmentation parameter value.

4.   The method of claim 2, further comprising storing the at least one new automatic segmentation parameter value and the at least one other automatic

20   segmentation parameter value.

5.   The method of claim 2, further comprising storing the at least one new automatic segmentation parameter value and altering the at least one other automatic segmentation parameter value each time the automatic segmentation mode is selected.

6.   The method of claim 2, wherein each one of the at least one automatic

25   segmentation parameter to be changed correspond to a segmentation class in a first subset of a set of segmentation classes and each one of the at least one other automatic segmentation parameter value to be altered correspond to a segmentation class in a second subset of the set of segmentation classes.

7.   The method of claim 6, wherein at least one segmentation parameter

30   value of each class of the second subset is linked to at least one segmentation parameter value of a class of the first subset.

8.   The method of claim 7, wherein at least one segmentation parameter value of each class of the second subset is derived from the at least one segmentation parameter value of a class of the first subset.

9.   The method of claim 8, wherein at least one segmentation parameter value of each class of the second subset is a weighted average of the at least one segmentation parameter value of a class of the first subset.